

APPLICATION DATA SHEET

APPLICATION INFORMATION

Application Type:: Regular

Subject Matter:: Utility

Suggested Classification:: 604/313

Suggested Group Art Unit:: 3736

CD-ROM or CD-R?: None

Title:: VACUUM ASSISTED TISSUE TREATMENT SYSTEM

Attorney Docket No.: VAC.715

Request for Early Publication?: No

Suggested Drawing Figure:: Figure 1

Total Drawing Sheets:: 4 (four)

Small Entity?: No

Petition Included?: No

Secrecy Order in Parent Application?: No

APPLICANT INFORMATION

Applicant Authority Type:: Inventor

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Status:: Full Capacity

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Applicant Authority Type:: Inventor

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Applicant Authority Type:: Inventor

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Figure 6

Figure 6 displays eight histograms showing the distribution of the number of nodes per cluster (n_c) for different values of α . The x-axis represents the number of nodes per cluster (n_c), ranging from 0 to 10. The y-axis represents the frequency or probability density, ranging from 0 to 0.8. The distributions are labeled as follows:

- (a) $\alpha = 0.0$: A single sharp peak at $n_c = 1$.
- (b) $\alpha = 0.1$: A single sharp peak at $n_c = 1$.
- (c) $\alpha = 0.2$: A single sharp peak at $n_c = 1$.
- (d) $\alpha = 0.3$: A single sharp peak at $n_c = 1$.
- (e) $\alpha = 0.4$: A single sharp peak at $n_c = 1$.
- (f) $\alpha = 0.5$: A single sharp peak at $n_c = 1$.
- (g) $\alpha = 0.7$: A single sharp peak at $n_c = 1$.
- (h) $\alpha = 1.0$: A single sharp peak at $n_c = 1$.

The histograms show that for all values of α , the distribution is highly concentrated around $n_c = 1$, indicating that most clusters consist of a single node.

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Figure 6

Figure 6 displays eight histograms showing the distribution of the number of nodes per cluster (n_{cl}) for different values of α . The x-axis represents n_{cl} from 0 to 100, and the y-axis represents the frequency from 0 to 8. The distributions are labeled as follows:

- (a) $\alpha = 0.0$: A single peak at $n_{cl} = 1$.
- (b) $\alpha = 0.1$: A small peak at $n_{cl} = 1$ and a very small peak at $n_{cl} = 2$.
- (c) $\alpha = 0.2$: A larger peak at $n_{cl} = 1$ and a small peak at $n_{cl} = 2$.
- (d) $\alpha = 0.3$: A large peak at $n_{cl} = 1$ and a medium peak at $n_{cl} = 2$.
- (e) $\alpha = 0.4$: A large peak at $n_{cl} = 1$ and a large peak at $n_{cl} = 2$.
- (f) $\alpha = 0.5$: A large peak at $n_{cl} = 1$ and a very large peak at $n_{cl} = 2$.
- (g) $\alpha = 0.6$: A large peak at $n_{cl} = 1$ and a very large peak at $n_{cl} = 2$, with some smaller peaks at higher n_{cl} values.
- (h) $\alpha = 0.7$: A large peak at $n_{cl} = 1$ and a very large peak at $n_{cl} = 2$, with significant peaks at higher n_{cl} values up to 100.

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Figure 6

Figure 6 displays ten histograms showing the distribution of the number of nodes per cluster for different values of α . The x-axis represents the number of nodes per cluster, ranging from 0 to 10. The y-axis represents the frequency or probability density. The distributions are labeled as follows:

- (a) $\alpha = 0.0$: A single peak at 1 node.
- (b) $\alpha = 0.1$: A peak at 1 node with a small tail extending to 2 nodes.
- (c) $\alpha = 0.2$: A peak at 1 node with a more pronounced tail extending to 2 nodes.
- (d) $\alpha = 0.3$: A peak at 1 node with a significant tail extending to 2 nodes.
- (e) $\alpha = 0.4$: A peak at 1 node with a tail extending to 2 nodes.
- (f) $\alpha = 0.5$: A peak at 1 node with a tail extending to 2 nodes.
- (g) $\alpha = 0.6$: A peak at 1 node with a tail extending to 2 nodes.
- (h) $\alpha = 0.7$: A peak at 1 node with a tail extending to 2 nodes.
- (i) $\alpha = 0.8$: A peak at 1 node with a tail extending to 2 nodes.
- (j) $\alpha = 0.9$: A peak at 1 node with a tail extending to 2 nodes.

The histograms illustrate how the distribution of nodes per cluster changes as α increases from 0.0 to 0.9. As α increases, the distribution becomes broader, indicating a higher likelihood of clusters containing more than one node.

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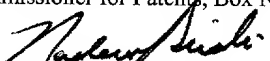
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